

Weekly Metrics for January 11 - 17, 2004

Mission (Launch Date)	Instrument	Category	Data Center	RQMTS (GB)	Requirements * Multiplier	Actual (GB)	Footnote
SORCE (1/03)	TIM/SIM/ SOLSTICE/ XPS	L0 Ingest	GES DAAC	0.9	1x Baseline	1.0	A
		Archive	GES DAAC	0.9	1x Baseline	1.0	A
ICESat (1/03)	GLAS	L0 Ingest	NSIDC	41	1x Baseline	18	V
		L1 Prod	NSIDC	115	1x Baseline	18	V
		L2-3 Prod	NSIDC	43	1x Baseline	0	V
		Archive	NSIDC	199		0	V
		Distribution	NSIDC				
		End Users		166	Various	7	
Aqua (5/02)	AIRS/ AMSU/ HSB	L0 Ingest	GES DAAC	98	1x Baseline	95	
		L1 Prod	GES DAAC	807	Various	1,338	T
		L2 - 3 Prod	GES DAAC	107	2.03x Baseline	247	T
		Archive	GES DAAC	1,012	Various	1,681	T
		Distribution	GES DAAC				
		Production				659	
	AMSR-E	End users		471	Various	323	G
		Data Pool				302	U
		L0 Ingest	NSIDC	10	1x Baseline	7	B
		L1 Ingest	NSIDC	9	Various	8	B
		L2-L3 Prod	GHRC	38	2.03x Baseline	53	C
		Archive	NSIDC	67	Baseline	68	C
	CERES	Distribution					
		Production					
		End Users					
	MODIS	Data Pool					
		L0 Ingest	ASDC	169	Various	Included	See Footnote R
		Distribution	ASDC			In	
		Testing/QA		1,421	IT Requirements	Terra	
		End Users		109	1.015x Baseline	CERES	
		L0 Ingest	GES DAAC	518	1x Baseline	519	
		L1 Prod	GES DAAC	5,047	Various	2,635	M
		L2-L4 Prod	MODAPS	6,395	2.03x Baseline	3,158	H
		Archive	LP DAAC	3,516	Various	1,551	H
			GES DAAC	8,015	Various	1,512	H
			NSIDC	426	Various	94	H
		Distribution	LP DAAC				
		Testing/QA		23	IT Requirements	0	
		End User		2,345	1.015x Baseline	137	H
		Data Pool				0.1	
		Distribution	GES DAAC				
		Testing/QA		362	IT Requirements	3	
		To MODAPS/LaRC				2,803	
		End Users		4,157	1.015x Baseline	652	G
		Data Pool				88	U
		Distribution	NSIDC				
		End User		284	1.015x Baseline	0	G
		Data Pool				0	U
METEOR 3M (12/01)	SAGE III	Archive	ASDC	0.9	Various	0.8	D
		Distribution	ASDC				
		Production				0.8	
		End Users		0.02	1.015x Baseline	0.2	
ACRIMSAT (12/99)	ACRIM 3	Archive	ASDC	1	1x Baseline	0	D

Terra (12/99)	ASTER	L1A Ingest	LP DAAC	680	1x Baseline	449	E
		L1B Ingest	LP DAAC	271	1.015x Baseline	115	E
		L1B Archive	LP DAAC	271	1.015x Baseline	197	E
		L2-L3 Prod	LP DAAC	1,221	3.045x Baseline	310	E
		Archive	LP DAAC	2,173	Various	956	E
		Distribution	LP DAAC				
	CERES	<i>Production</i>				458	
		<i>End Users</i>		1,221	1.015x Baseline	251	G, N
		<i>Data Pool</i>				3	
	MISR	Archive	ASDC	357	Various		R
		Distribution	ASDC				
		<i>Testing/QA</i>		1,421	IT Requirements		
		<i>End Users</i>		119	1.015x Baseline		G, N
	MODIS	L0 Ingest	ASDC	249	1x Baseline	254	
		L1 Prod	ASDC	3,359	Various	2,335	
		L2-L3 Prod	ASDC	285	3.045x Baseline	269	
		Archive	ASDC	3,894	Various	2,858	
		Distribution	ASDC				
		<i>Testing/QA</i>		137	IT Requirements	350	
	MOPITT	<i>Production</i>				1,567	
		<i>End Users</i>		1,215	1.015x Baseline	1,640	G, N
		<i>Data Pool</i>				3	U
	Landsat-7 (4/99)	L0 Ingest	GES DAAC	518	1x Baseline	485	
		L1 Prod	GES DAAC	7,570	Various	2,319	M
		L2-L4 Prod	MODAPS	12,789	3.045x Baseline	2,651	H, M, P
		Archive	LP DAAC	7,034	Various (L2-L4)	1,482	H, M, P
			GES DAAC	12,990	Various (L0-L4)	3,899	H, M, P
			NSIDC	853	Various (L2-L3)	77	H, M, P
		Distribution	LP DAAC				
		<i>Testing/QA</i>		23	IT Requirements	0	
		<i>End Users</i>		2,345	1.015x Baseline	4,677	G, N
		<i>Data Pool</i>				1	U
	ADEOS-II (12/02)	Distribution	GES DAAC				
		<i>Testing/QA</i>		362	IT Requirements	65	G
		<i>To MODAPS/LaRC</i>				2,725	
		<i>End users</i>		4,157	1.015x Baseline	2,337	
		<i>Data Pool</i>				232	U
		Distribution	NSIDC				
		<i>End Users</i>		284	1.015x Baseline	34	G, N
		<i>Data Pool</i>				0.1	U
	Jason-1 (12/01)	L0 Ingest	ASDC	2	1x Baseline	2	
		L1 Prod	SIPS	2	Various	0	
		L2 Prod	SIPS	2	3.045x Baseline	0	
		Archive	ASDC	6	Various	2	
		Distribution	ASDC				
		<i>Production</i>				2	
	QuikScat (6/99)	<i>End Users</i>		1	1.015x Baseline	18	G, N
		<i>Data Pool</i>				0	U
	TOPEX (8/92)	Archive	PO DAAC			0	
		Distribution	PO DAAC	24	Weekly Average	5	J
	Landsat-7 (4/99)	Archive	LP DAAC	1,092	250 Scenes	654	Q
		Distribution	LP DAAC	58	ECS ICD	141	
	SeaWinds	Archive (L0+)	PO DAAC			0	
		Distribution	PO DAAC			0.2	O
	Poseidon 2	Archive (L0+)	PO DAAC			14	
		Distribution	PO DAAC	NA	NA	9	J
	Poseidon	Archive (L1+)	PO DAAC			20	
		Distribution	PO DAAC	109	Weekly Average	569	J

Other Missions	Various Instruments	Archive (L2+) Distribution	PO DAAC PO DAAC	NA	NA	94 28	K
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Notes:

- A. Required and actual data volumes are for L0 products only. Higher-level product has not been produced yet.
- B. The actual L0 data rate from AMSR-E is 6.6 GB/week. This is lower than ESDIS baseline requirement. Updating of the baselined requirements is in process.
- C. Production of L2 and L3 products resumed on September 3, 2003. The reported volume includes back filling of the first year's data.
- D. Data from this instrument is not transmitted to DAAC daily.
- E. Volumes of ASTER L1A and L1B products are a function of production at ERSDAC in Japan. L1A and L1B volumes include the expedited data sets generated at LP DAAC. ASTER L2 products are produced on demand, and the actual volumes may be significantly different from requirements. In June, LPDAAC started to generate L1B products from L1A ingested. The total archive volume includes L1B products generated at LP DAAC.
- F. Little processing was done.
- G. Distribution requirements represent the delivered capacity for distribution. Because distribution is based on user orders, the actual distribution volumes may be significantly different from the available capacity.
- H. Ingest/archival of MODIS L2+ products is dependent on MODAPS processing schedule.
- I. Did not receive any L1 or L2 products from MOPITT SIPS.
- J. Distribution requirements are weekly averages of media distribution volumes based on subscriptions for a full year.
- K. Includes distribution of educational materials.
- L. The requirements for this instrument include reprocessing, but no reprocessing has started yet.
- M. Very little reprocessing of MODIS products was done.
- N. Does not include distribution by data pool.
- O. Currently distribution of ADEOS-II data is limited to the instrument team members for calibration/validation purposes.
- P. Values reported here represent what have been archived at DAACs. MODAPS production may be higher.
- Q. Landsat-7 scan line corrector (SLC) failed on May 31, 2003 and subsequently Landsat-7 ETM+ was shut down. In mid July US stations resumed data collection with the SLC off. The Landsat 7 ETM+ data became available to the public as of October 22, 2003.
- R. Actual archival volume represents a total for 3 missions (TRMM, Terra, and Aqua).
- S. With the completion of the reprocessing of ocean products, only atmospheric and land products were reprocessed.
- T. Includes the reprocessed data for January and May 2003.
- U. Total amount of data distributed through Data Pool. Due to unavailability of user characteristics information, further breakdown by user category (e.g., data producers, end users) is not possible at this time.
- V. GLAS Laser remains off since November 19, 2003.

** Baseline requirements refer to the May 2003 EOSDIS technical baseline. The QA requirements for distribution are the Level 2 requirements based on inputs from instrument teams (ITs). The requirements multipliers are ramp-up factors to account for forward processing and reprocessing. They varies, depending on processing level and launch date. Ramp-up factors used in this table are:*

Processing Level	1 st year after launch	2 nd year	Launch+2 or more year
L0	1	1	1
L1A	1	2	3
L1B	1.015	2x1.015	3x1.015
L2-4	0.5*1.015	1.5*1.015	3*1.015

Please note that browse data volumes for L1B-L4 products are assumed to be 1.5% of product volumes.